Mountain Weather Forecast

Lake District National Park

Forecast valid from 00:00 on Friday 31 Dec 2021 until 23:59 on Saturday 01 Jan 2022

Forecast Issued on Thursday 30 Dec 2021 at 18:46

Confidence: High for very mild, unsettled and often windy weather through the coming days and then turning much colder early next week but lower with regard to timing of rain and cloud details.

Headline for Friday 31 Dec 2021: Mostly cloudy with morning rain dying out. Severe southwesterly gales easing

Mountain weather hazards on Friday 31 Dec 2021

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
Low Likelihood

Gales
High Likelihood

Severe chill effect
Low Likelihood

Poor visibility
High Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
Low Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 800m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Heavy Rain	Heavy Rain	Light rain	Light rain	Light rain	Cloudy	Partly cloudy (night)	Cloudy
Precipitation probability							
>95%	80%	60%	60%	60%	30%	10%	30%

Forecast for Friday 31 Dec 2021

Weather: Heavy overnight rain turning lighter and patchier through the morning and early afternoon. Some brighter or clearer spells developing, especially across northern and eastern fells, for the late afternoon and early evening before cloud, and the risk of rain and drizzle, increases again.

Chance of cloud free mountain/hill tops above 800m: Little chance through much of the day, becoming around 40% for a time through the late afternoon and early evening

Visibility: Periods or persistent cloud above 450-600m, lowering to 300m or less at times in the south and west, cloud becoming more occasional for a time through the late afternoon and early evening. Away from cloud visibility rather hazy falling to just a few kilometres in rain and drizzle, becoming good for a time in the late afternoon and early evening.

Check our weather forecast every day to get the most accurate and up to date information
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Met Office Mountain Weather Forecast

Forecast for Friday 31 Dec 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	47/57 SW	52/64 SW	51/64 SW	51/64 SW	44/56 SW	38/48 SW	29/36 SW	24/29 S	30/37 S
600	32/43 SW	36/49 SW	39/53 SW	39/54 SW	35/48 SW	30/41 SW	22/30 SW	18/25 S	24/33 S
300	10/32 SW	11/36 SW	14/39 SW	16/41 SW	15/36 SW	14/33 SW	9/24 SW	6/18 S	8/22 S
Valley	10/30 SW	12/35 SW	15/37 SW	16/38 SW	15/34 SW	13/30 SW	8/21 SW	6/16 S	10/23 S

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	6/-0	6/-1	7/-0	6/-2	5/-2	5/-2	5/-1	5/-0	6/-0
600	8/2	8/2	8/2	7/2	7/1	7/1	6/2	7/3	7/2
300	9/7	9/7	9/6	9/6	9/6	9/6	8/6	8/6	9/7
Valley	10/8	10/8	10/8	10/7	10/7	10/7	9/8	9/8	10/8
Freezing Level*	2300m	2400m	2100m	2000m	2000m	2000m	1800m	2100m	2000m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Gusts around 70mph likely over ridges and summits until late morning. Generally very mild but a significant chill in the strong winds, especially at higher elevations.

Forecast for Saturday 01 Jan 2022

Weather: Cloud and outbreaks of rain clearing through the early hours with long clear spells developing. Then a bright start with some good spells of sunshine but cloud increasing through the morning bringing some showery outbreaks of rain from late morning.

Maximum wind: Southerly or southwesterly 30-40mph, gusts around 65mph over ridges and summits, through daylight hours, but winds a little lighter at first and again in evening.

Chance of cloud free mountain/hill tops above 800m: Around 75% at first, and again later in the north and east, falling close to zero through the morning.

Visibility: Occasional cloud above 600-750m at first and again later in the north and east, otherwise periods or persistent above 450-600m, with patches lower in the south and west. Away from cloud visibility good falling to just a several kilometres in rain.

Temperature: **Valleys:** Around plus 7 or 8 Celsius at dawn rising to plus 11 or 12 Celsius by day
At 800m: Around plus 6 Celsius
Freezing level: Well above the summits

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Mountain Weather Forecast

Ground Conditions Supplement

Date: Thursday 30 December 2021. Location: Helvellyn summit at 14:45 Full report: A wet but unseasonably warm day on Helvellyn with summit temperatures reaching 7C. Any recent snowfall has now thawed and the remaining snow patches are consolidated neve from the storms in early December which are proving pretty resilient to the thaw. They are generally to be found in gullies and hollows on steep N through E aspects above 750m. The snows surface was thawing & granular but just a couple of cm down it was still hard and icy. The majority of paths, including Striding & Swirral Edges, can now be climbed without setting foot on snow with a bit of careful route choice. However venturing onto the snow without an ice axe and crampons would be high risk as a slide not quickly stopped would typically end abruptly in a pile of rocks. The popular Swirls path on Helvellyn has a couple of areas of steep snow where it is far safer to leave the path and pick your way through the rocks rather than risk the snow. Despite the milder temperatures the wet and windy conditions mean that there is a very real risk of hypothermia so full winter clothing (waterproofs, extra warm layers, hat & gloves), torch and a map & compass are essential for anyone venturing onto the high fells. Temperature: plus 6.8C, Maximum wind speed 13.8 mph, Wind chill: plus 2.3C, Average wind speed: 12.0 mph

Issued at: 1846 on Thu 30 Dec 2021

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